D9911E35 . Cresol

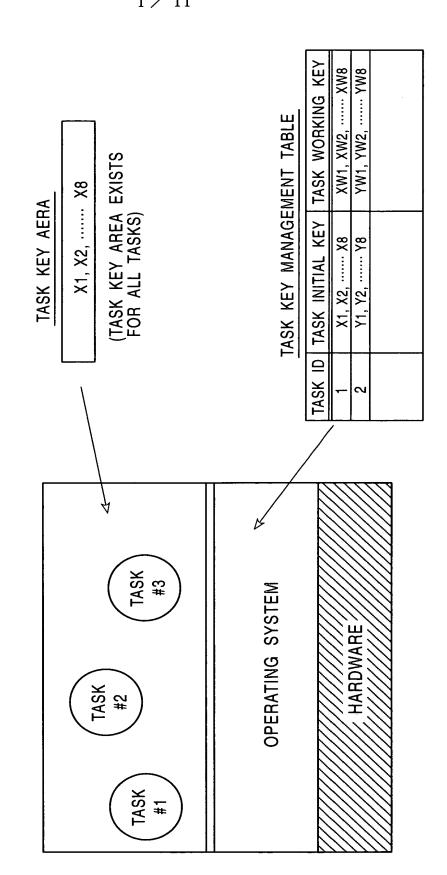


FIG. 2

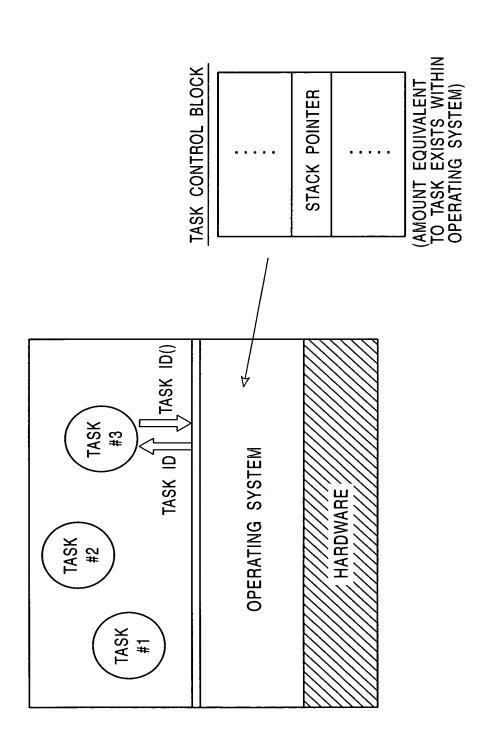


FIG. 3

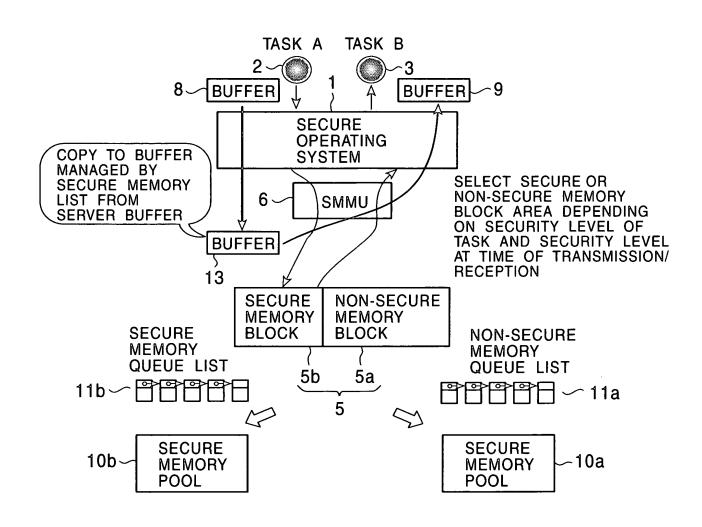


FIG. 4

TASK A, TASK B

3~**(**) ON |∱

MUTUAL VERIFICATION FAILED OR UNEXECUTED

()~2 |↑ MUTU

↑ MUTUAL VERIFICATION COMPLETED NORMALLY

SECURE OPERATING SYSTEM

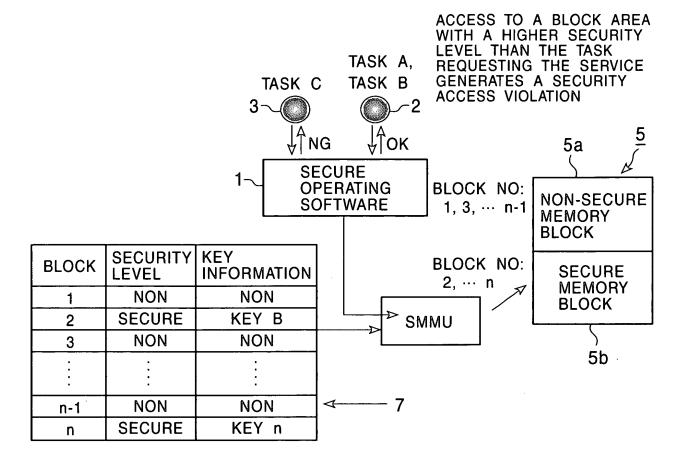
TASK ID	SECURITY LEVEL	KEY INFORMATION
Α	SECURE	KEY A
В	SECURE	KEY B
С	NON	NON
:		••••
N-1	NON	NON
N	SECURE	KEY_N



SECURITY OPERATING SYSTEM INTERNALLY HOLDS SECURITY LEVEL (SECURE, NON-SECURE) FOR EACH TASK

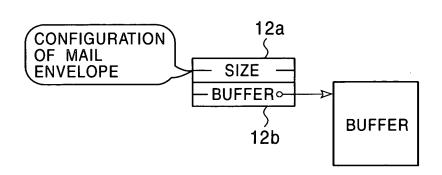
DOGILESS DVESD1

FIG. 5



SET SECURITY LEVEL FOR EACH BLOCK

FIG. 6



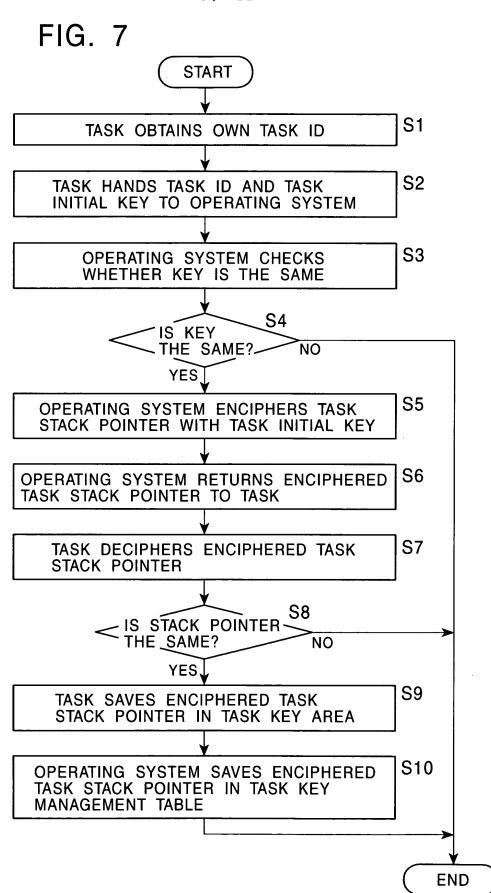
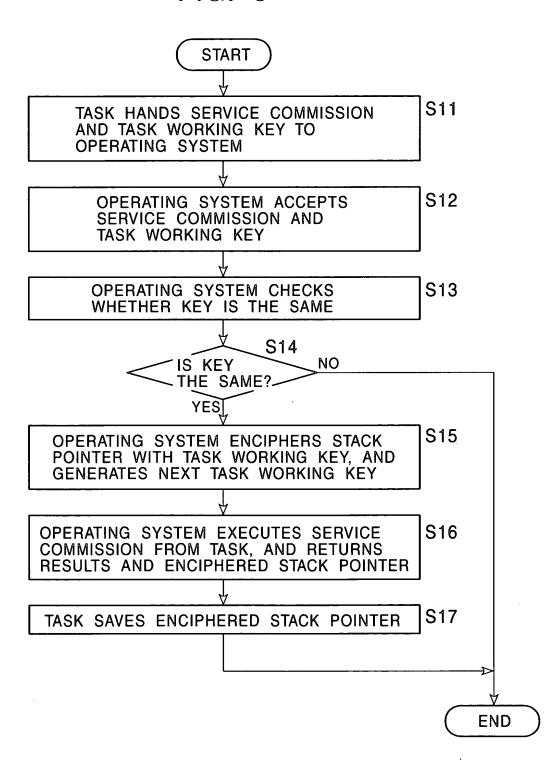


FIG. 8



<u>Е</u>

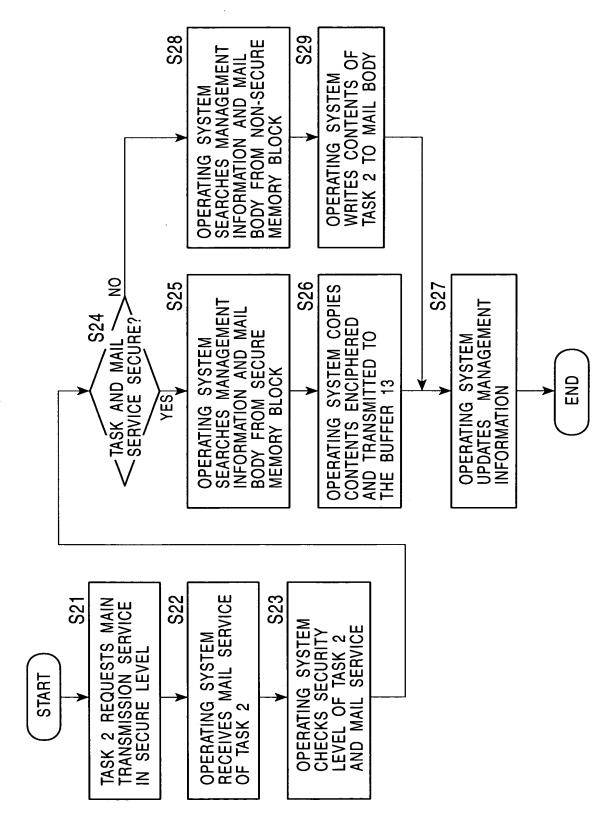


FIG. 10

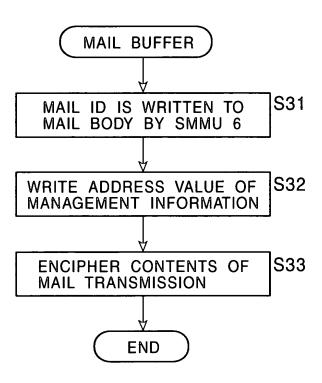


FIG. 11

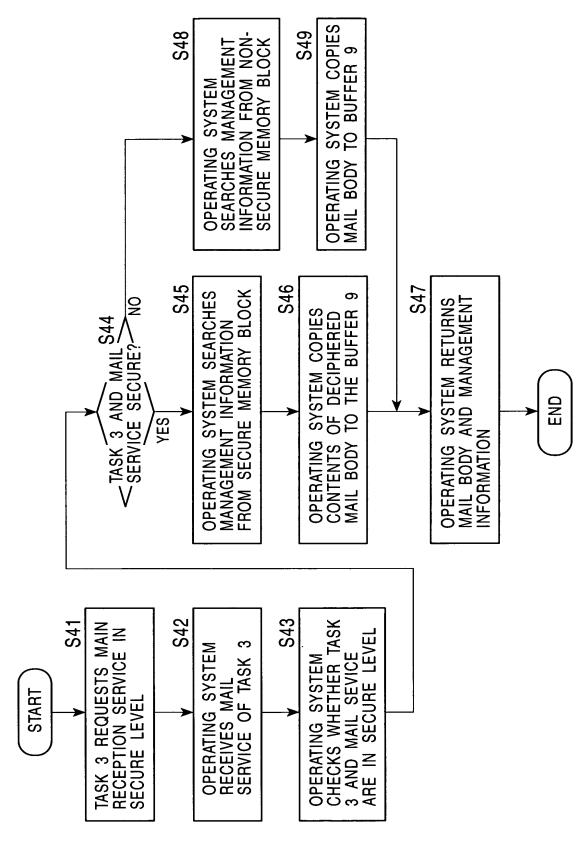


FIG. 12A

MAIL TRANSMISSION

SendMail(int MailBoxNumber, MailBuf *buf, int SecurityLevel)

FIG. 12B

MAIL RECEPTION

RecvMail(int MailBoxNumber, MailBuf *buf, int SecurityLevel)